sapience
Consultants and Engineers
(Soil, Tech & Road Materials Testing Laboratory)

#B9-003, GANGA, Jnanabharathi Enclave,
Valagerahalli, Mysore Road, Bangalore 560059
Ph: 9448853634, 8762194386.
Email: sapiencebangalore@gmail.com

Aggregate Gradation

Project Name	Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli. BBMP, Bangalore
Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Work Order No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Work Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	25 & 26
Date	04.07.2022

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	424.7	424.7	2.83	97.17	95 - 100	
22.4	3763.2	4187.9	27.92	72.08	60 - 80	
11.2	3029.9	7217.8	48.12	51.88	40 - 60	
4.75	3202.3	10420.1	69.47	30.53	25 - 40	
2.36	1563.7	11983.8	79.89	20.11	15 - 30	
0.60	722.6	12706.4	84.71	15.29	8 - 22	
0.075	2065.0	14771.4	98.48	1.52	0 - 5	

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	539.5	539.5	3.60	96.40	95 - 100	
22.4	4019.8	4559.3	30.40	69.60	60 - 80	
11.2	2849.7	7409.0	49.39	50.61	40 - 60	
4.75	2943.0	10352.0	69.01	30.99	25 - 40	
2.36	1777.5	12129.5	80.86	19.14	15 - 30	
0.60	788.8	12918.3	86.12	13.88	8 - 22	
0.075	1899.0	14817.3	98.78	1.22	0 - 5	

Note:

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3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Sapience Consultants and Engineers,

Authorised Signature

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂ.ಮಂ.ಪ
ಬೆಂಗಳೂರು-560073

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Aggregate Gradation

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Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Work Order No.	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Material Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	27 & 28
Date	05.07.2022

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	324.7	324.7	2.16	97.84	95 - 100	
22.4	4317.7	4642.4	30.95	69.05	60 - 80	
11.2	2784.0	7426.4	49.51	50.49	40 - 60	
4.75	2637.4	10063.8	67.09	32.91	25 - 40	
2.36	1785.2	11849.0	78.99	21.01	15 - 30	
1.60	987.6	12836.6	85.58	14.42	8 - 22	
0.075	1838.7	14675.3	97.84	2.16	0 - 5	

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	543.7	543.7	3.62	96.38	95 - 100	
22.4	4332.4	4876.1	32.51	67.49	60 - 80	
11.2	2269.2	7145.3	47.64	52.36	40 - 60	
4.75	2936.8	10082.1	67.21	32.79	25 - 40	
2.36	1326.4	11408.5	76.06	23.94	15 - 30	
1.60	1084.4	12492.9	83.29	16.71	8 - 22	
0.075	2064.3	14557.2	97.05	2.95	0 - 5	

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ಬಿಬಿಎಂಪಿ. ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

Aggregate Gradation

...ct Name	Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli. BBMP, Bangalore
...	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
...No.	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
...ctor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
...Type	Wet Mix Macadam
...rial	Coarse Aggregates
...Method	IS 2386(Part 1) 1963 (RA 2011)
...Location	Plant
...No.	29 & 30
	06.07.2022

...Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	459.3	459.3	3.06	96.94	95 - 100	
22.4	4415.7	4875.0	32.50	67.5	60 - 80	
11.2	2612.0	7487.0	49.91	50.09	40 - 60	
4.75	2370.9	9857.9	65.72	34.28	25 - 40	
2.36	1253.0	11110.9	74.07	25.93	15 - 30	
0.60	1365.4	12476.3	83.18	16.82	8 - 22	
0.075	2075.5	14551.8	97.01	2.99	0 - 5	

...Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	404.6	404.6	2.70	97.30	95 - 100	
22.4	4283.4	4688.0	31.25	68.75	60 - 80	
11.2	3002.6	7690.6	51.27	48.73	40 - 60	
4.75	1934.8	9625.4	64.17	35.83	25 - 40	
2.36	2548.6	12174.0	81.16	18.84	15 - 30	
0.60	306.2	12480.2	83.20	16.80	8 - 22	
0.075	2128.3	14608.5	97.39	2.61	0 - 5	

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...ence Consultants and Engineers,

...Signature

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ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

Aggregate Gradation

Project Name	Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli. BBMP, Bangalore
Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Work No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	31 & 32
Date	11.07.2022

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	748.4	748.4	4.99	95.01	95 - 100	
22.4	3510.0	4258.4	28.39	71.61	60 - 80	
11.2	3582.7	7841.1	52.27	47.73	40 - 60	
4.75	2078.7	9919.8	66.13	33.87	25 - 40	
2.36	2015.2	11935.0	79.57	20.43	15 - 30	
0.60	639.5	12574.5	83.83	16.17	8 - 22	
0.075	2106.3	14680.8	97.87	2.13	0 - 5	

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	624.1	624.1	4.16	95.84	95 - 100	
22.4	3896.5	4520.6	30.14	69.86	60 - 80	
11.2	2640.2	7160.8	47.74	52.26	40 - 60	
4.75	3074.8	10235.6	68.24	31.76	25 - 40	
2.36	1914.6	12150.2	81.00	19.00	15 - 30	
0.60	885.5	13035.7	86.90	13.10	8 - 22	
0.075	1654.5	14690.2	97.93	2.07	0 - 5	

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For RESULTANT Consultants and Engineers,

Authorized Signature

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ಡಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಜಾಗಲಗುಂಟೆ. ಬಿ ಬಿ ಎಂ ಪಿ
ಬೆಂಗಳೂರು 560073

Aggregate Gradation

[illegible]	Restoration and improvements of roads [illegible] Village [illegible] Village roads [illegible]
[illegible]	Executive Engineer, [illegible] Division, BBMP, Bangalore
[illegible]	[illegible]
[illegible]	[illegible] Constructions Private Limited, Contractor, Mysore.
[illegible]	Wet Mix Macadam
[illegible]	Coarse Aggregates
[illegible]	IS 2386 (Part 1) (1963) RA (2011)
[illegible]	Plant
[illegible]	[illegible]
[illegible]	12/07/2022

[illegible] Weight of Sample (gms) : 15000.00

[illegible]	Weight Retained in gms	Cumulative Weight Retained (gms)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
[illegible]	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
[illegible]	529.8	529.8	3.53	96.47	95 – 100	
[illegible]	3768.1	4297.9	28.65	71.35	60 – 80	
[illegible]	3524.2	7822.1	52.15	47.85	40 – 60	
[illegible]	1869.3	9691.4	64.61	35.39	25 – 40	
[illegible]	2315.5	12006.9	80.05	19.95	15 – 30	
[illegible]	1083.9	13090.8	87.27	12.73	8 – 22	
[illegible]	1706.6	14797.4	98.65	1.35	0 – 5	

[illegible] Weight of Sample (gms) : 15000.00

[illegible]	Weight Retained in gms	Cumulative Weight Retained (gms)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
[illegible]	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
[illegible]	699.7	699.7	4.66	95.34	95 – 100	
[illegible]	4400.3	5100.0	34.00	66.00	60 – 80	
[illegible]	2045.7	7145.7	47.64	52.36	40 – 60	
[illegible]	3268.3	10414.0	69.43	30.57	25 – 40	
[illegible]	1177.3	11591.3	77.28	22.72	15 – 30	
[illegible]	1436.5	13027.8	86.85	13.15	8 – 22	
[illegible]	1700.1	14727.9	98.19	1.81	0 – 5	

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[illegible] regarding the report, must be reported within 15 days from the date of testing.

[illegible] Consultants and Engineers.

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Consultants and Engineers
[illegible]

[illegible]

Aggregate Gradation

[illegible]	Restoration and improvements of roads and drains in [illegible] Layout, Shettyhalli village, [illegible] of Chikkasandra village and [illegible] village roads, [illegible] Village, [illegible] village, [illegible] Enclave and [illegible] Old village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli, BBMP, Bangalore
[illegible]	Executive Engineer, Dasarahalli Division, BBMP, Bangalore
[illegible]	[illegible]
[illegible] Agency	Sri. [illegible] (CKG Constructions Private Limited), Contractor, Mysore.
[illegible]	Wet Mix Macadam
[illegible]	Coarse Aggregates
[illegible]	IS 2386(Part 1) 1963 (RA 2011)
[illegible]	Plant
[illegible] Location	35 & 36
[illegible]	23.07.2022

[illegible] of Sample (gms) : 15000.00

Sieve Size	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
[illegible]	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
[illegible]	571.7	571.7	3.81	96.19	95 - 100	
[illegible]	3591.4	4163.1	27.75	72.25	60 - 80	
[illegible]	3134.9	7298.0	48.65	51.35	40 - 60	
[illegible]	3396.8	10694.8	71.30	28.7	25 - 40	
[illegible]	753.4	11448.2	76.32	23.68	15 - 30	
[illegible]	1146.0	12594.2	83.96	16.04	8 - 22	
[illegible]	2239.0	14833.2	98.89	1.11	0 - 5	

[illegible] Weight of Sample (gms) : 15000.00

Sieve Size	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
[illegible]	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
[illegible]	468.0	468.0	3.12	96.88	95 - 100	
[illegible]	3974.1	4442.1	29.61	70.39	60 - 80	
[illegible]	3212.6	7654.7	51.03	48.97	40 - 60	
[illegible]	2504.0	10158.7	67.72	32.28	25 - 40	
[illegible]	1434.8	11593.5	77.29	22.71	15 - 30	
[illegible]	879.7	12473.2	83.15	16.85	8 - 22	
[illegible]	2197.7	14670.9	97.81	2.19	0 - 5	

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[illegible] Consultants and Engineers,

[illegible] Signature

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Aggregate Gradation

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Work Order No:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Material Type	Wet Mix Macadam
Material	Coarse Aggregates
Sample Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	37& 38
Date	18.07.2022

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	639.7	639.7	4.26	95.74	95 - 100	
22.4	3681.3	4321.0	28.81	71.19	60 - 80	
11.2	3295.6	7616.6	50.78	49.22	40 - 60	
4.75	2125.2	9741.8	64.95	35.05	25 - 40	
2.36	1692.8	11434.6	76.23	23.77	15 - 30	
0.60	1618.1	13052.7	87.02	12.98	8 - 22	
0.075	1653.9	14706.6	98.04	1.96	0 - 5	

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	655.1	655.1	4.37	95.63	95 - 100	
22.4	4118.2	4773.3	31.82	68.18	60 - 80	
11.2	3170.3	7943.6	52.96	47.04	40 - 60	
4.75	2397.4	10341.0	68.94	31.06	25 - 40	
2.36	1798.4	12139.4	80.93	19.07	15 - 30	
0.60	492.4	12631.8	84.21	15.79	8 - 22	
0.075	1921.6	14553.4	97.02	2.98	0 - 5	

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Authorized Signature

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ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ಎಂ.ಪಿ
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Work No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2386(Part 1) 1963 (RA 2011)
Source / Location	Plant
Sample No.	39 & 40
Date	19.07.2022

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	370.3	370.3	2.47	97.53	95 - 100	
22.4	3765.5	4135.8	27.57	72.43	60 - 80	
11.2	3872.5	8008.3	53.39	46.61	40 - 60	
4.75	2633.7	10642.0	70.95	29.05	25 - 40	
2.36	992.9	11634.9	77.57	22.43	15 - 30	
0.60	861.7	12496.6	83.31	16.69	8 - 22	
0.075	2248.6	14745.2	98.30	1.7	0 - 5	

Total Weight of Sample (gms) : **15000.00**

Sieve Size (mm)	Weight Retained in gms	Cumulative Weight Retained (gm)	Cummulative % Retained	Cumulative % Passing	Requirement as per MORTH table 500.17	Remarks
53	0	0	0	100	100	Gradation satisfies the MORTH Table 400-13 Specification for Wet Mix Macadam
45	704.1	704.1	4.69	95.31	95 - 100	
22.4	3831.9	4536.0	30.24	69.76	60 - 80	
11.2	3440.3	7976.3	53.18	46.82	40 - 60	
4.75	1726.4	9702.7	64.68	35.32	25 - 40	
2.36	1623.5	11326.2	75.51	24.49	15 - 30	
0.60	1455.1	12781.3	85.21	14.79	8 - 22	
0.075	1915.1	14696.4	97.98	2.02	0 - 5	

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For Sapience Consultants and Engineers,

Authorized Signatory

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಜಿ.ಪಿ.ಎಂ.ಪಿ
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Atterberg Limits

Project Name	Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 110 villages in ward No 12 & 14 Shettyhalli. BBMP, Bangalore
Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Work No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Work Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	1, 2 and 3
Date	13.06.2022 to 15.06.2022

Sl. No.	Description	Test #1	Test #2	Test #3	IS Specifications
1	Liquid Limit, %	22.94	21.71	22.52	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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For Sapience Consultants and Engineers,

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

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ಪಿ. ಬಾಲಸುಬ್ರಹ್ಮಣ್ಯ ರಾವ್ ವಿಭಾಗ
ಬಾಣಸವಾಡಿ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
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Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Code No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	4, 5 and 6
Date	13.06.2022 to 15.06.2022

Sl. No	Description	Test #4	Test #5	Test #6	IS Specifications
1	Liquid Limit, %	21.3	22.65	21.1	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Work Order	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	7, 8 and 9
Date	13.06.2022 to 15.06.2022

Description	Test #7	Test #8	Test #9	IS Specifications
Liquid Limit, %	21.42	21.29	22.57	-
Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Job No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	10, 11 and 12
Date	28.06.2022 to 30.06.2022

Sl. No	Description	Test #10	Test #11	Test #12	IS Specifications
1	Liquid Limit, %	22.56	21.74	21.18	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Ref No.:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	13, 14 and 15
Date	28.06.2022 to 30.06.2022

Sl. No	Description	Test #13	Test #14	Test #15	IS Specifications
1	Liquid Limit, %	22.23	21.49	22.46	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	16, 17 and 18
Date	28.06.2022 to 30.06.2022

Sl. No	Description	Test #16	Test #17	Test #18	IS Specifications
1	Liquid Limit, %	22.29	21.62	22.32	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	19, 20 and 21
Date	04.07.2022 to 06.07.2022

Sl. No	Description	Test #19	Test #20	Test #21	IS Specifications
1	Liquid Limit, %	21.32	21.72	21.33	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	22, 23 and 24
Date	04.07.2022 to 06.07.2022

Sl. No	Description	Test #23	Test #24	Test #25	IS Specifications
1	Liquid Limit, %	22.87	21.3	22.38	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	25, 26 and 27
Date	04.07.2022 to 06.07.2022

Sl. No	Description	Test #25	Test #26	Test #27	IS Specifications
1	Liquid Limit, %	22.56	22.31	21.95	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Private Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	28, 29 and 30
Date	11.07.2022 to 13.07.2022

Sl No.	Description	Test #28	Test #29	Test #30	IS Specifications
1	Liquid Limit, %	22.54	21.43	21.05	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	31, 32 and 33
Date	11.07.2022 to 13.07.2022

Sl. No	Description	Test #31	Test #32	Test #33	IS Specifications
1	Liquid Limit, %	22.83	21.74	22.64	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

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SAPIENCE CONSULTANTS & ENGINEERS ★ Bangalore-59

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Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source / Location	Plant
Sample No.	34, 35 and 36
Date	11.07.2022 to 13.07.2022

Sl. No	Description	Test #34	Test #35	Test #36	IS Specifications
1	Liquid Limit, %	22.9	21.13	22.34	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

Note:
→ This test report should not be reproduced except in full, without written approval of the laboratory
→ The results indicated above are based on the tests carried out on the
Samples are collected on the work spot & tested in the laboratory.
→ Any Query regarding the report must be reported within 15 days from the date of testing.

For Sapience Consultants and Engineers,

SAPIENCE CONSULTANTS & ENGINEERS Bangalore-59

Authorized Signature

sapience
Consultants and Engineers
[illegible]

[illegible]

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	Coarse Aggregates
[illegible]	IS 2720(Part 5):1985
[illegible]	Plant
[illegible]	27, 28 and 29
[illegible]	28.07.2022 to 30.07.2022

Sl. No.	Description	Test #27	Test #28	Test #29	IS Specifications
1	Liquid Limit, %	[illegible]	[illegible]	[illegible]	–
2	Plasticity index %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum

Note:

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- The results indicated above are based on the tests carried out on the
- Samples collected on the work spot & tested in the laboratory.
- Any Query regarding the report must be received within 15 days from the date of Testing.

For Sapience Consultants and Engineers.

sapience
Consultants and Engineers
Soil & Road Materials Testing Laboratory

#B9-003, GANGA, Jnanabharathi Enclave,
Valagerahalli, Mysore Road, Bangalore 560059
Ph: 9448853634, 8762194386.
Email: sapiencebangalore@gmail.com

Atterberg Limits

Project Name	Restoration and Improvements of roads and drains in A Y R Layout, Shettyhalli village,RR layout of Chikkasandra village and Abigere village roads, BTS Village, Vishveshwariah village, Royal Enclave and Sidedahalli Old Village roads Dugged by BWSSB to lay water Supply and UGD lines under 220 villages in ward No 12 & 14 Shettyhalli. BBMP, Bangalore
Client	Executive Engineer, Dasarahalli Division, BBMP, Bangalore.
Ref No:	SCE/PMC/QCR-4/BBMP/DH/2022-23/58 Dt. 25/07/2022
Contractor / Agency	Sri.Chikkaboregowda Karigowda(CKG Constructions Privite Limited), Contractor, Mysore.
Mix Type	Wet Mix Macadam
Material	Coarse Aggregates
Test Method	IS 2720(Part 5):1985
Source/Location	Plant
Sample No.	40, 41 and 42
Date	18.07.2022 to 20.07.2022

S. No	Description	Test #40	Test #41	Test #42	IS Specifications
1	Liquid Limit, %	22.5	21.53	21.8	-
2	Plasticity Index, %	Non Plastic	Non Plastic	Non Plastic	6.0% Maximum.

Note:
- This test report should not be reproduced except in full, without written approval of the laboratory
- The results indicated above are based on the tests carried out on the samples are collected on the work spot & tested in the laboratory.
- Any Query regarding the report must be reported within 15 days from the date of testing.

For Sapience Consultants and Engineers,

Authorized Signature

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073